

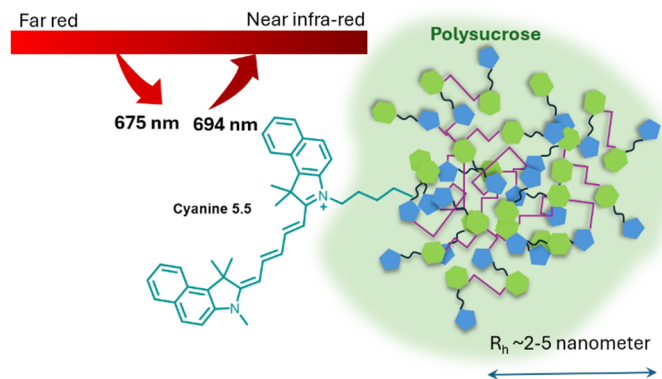
### Cyanine 5.5 Polysucrose-400

Lyophilized powder  
 ≥99% conjugates by SEC HPLC

Product Number: **CM62106**

#### Product Description

CellMosaic is now offering polysucrose which are fluorescently labeled with near IR dyes. Polysucrose is a synthetic, water-soluble polymeric form of sucrose, available in a range of molecular weights from tens of kilodaltons (KDa) to 1000 KDa and available as purified fractions across various molecular weight ranges.



#### Application Areas

- Permeability studies, Cell Tracking, Drug Delivery studies, Tissue Engineering.

#### Key Features of this Cyanine 5.5 Polysucrose-400 Conjugate

- Lyophilized powder ready to use
- Stable bond conjugation with dye molecule
- Purified material with no detectable free dye
- Soluble in water or aqueous buffer.
- $\lambda_{\text{excitation}} = 675 \text{ nm}$ ,  $\lambda_{\text{emission}} = 694 \text{ nm}$
- Polysucrose 400 has a molecular weight of 300,000–550,000 g/mol
- **Structure:** Branched molecules with many hydroxyl groups